



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-215563
Lot Number: SAMPLE
Product Name: Nicotinamide guanine dinucleotide sodium salt
CAS Number: 5624-35-1
Molecular Formula: $C_{21}H_{28}N_7O_{15}P_2 \cdot xNa$
Molecular Weight: 703.42

Test	Specification	Result
Appearance	Off white to yellow powder	Faint yellow powder
Identification (1H-NMR)	Consistent with structure	Complies
Purity (HPLC)	$\geq 96\%$	96%
Solubility	Clear and almost colorless to yellow at 50 mg/ml in H_2O	Clear and very faint yellow
Solvent Content	EtOH: $\leq 8.0\%$	$< 0.0\%$
Sodium	1.7 - 7.5% (dry basis)	3.0%
Water Content (KF)	$\leq 10\%$	2%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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